

Permit Number: EPR/HP3737UE

Operator:

Severn Power Ltd

Facility: Severn Power Station

Form Number:

Water1 / 10/03/10

Reporting of emissions to water (other than to sewer) and land for year commencing January 2023

Month	Emissions Point	Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
January	W1	Total ammonia	No limit set	Monthly spot	Tanker away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Continuous. Pumps operate when pH is between 6 and 9	6-9	pH Probe	N/A	
February	W1	Total ammonia	No limit set	Monthly spot	Tanker away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Continuous. Pumps operate when pH is between 6 and 9	6-9	pH Probe	N/A	
March	W1	Total ammonia	No limit set	Monthly spot	Tanker away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Continuous. Pumps operate when pH is between 6 and 9	6-9	BS6068-2.50	N/A	
April	W1	Total ammonia	No limit set	Monthly spot	Tanker away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Constant (pumps operate only when pH is 6 to 9)	6-9	pH Probe	N/A	
May	W1	Total ammonia	No limit set	Monthly spot	Tanker away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Constant (pumps operate only when pH is 6 to 9)	6-9	pH Probe	N/A	
June	W1	Total ammonia	No limit set	Monthly spot	Tanker away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Constant (pumps operate only when pH is 6 to 9)	6-9	pH Probe	N/A	
July	W1	Total ammonia	No limit set	Monthly spot	Tanker away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Constant (pumps operate only when pH is 6 to 9)	6-9	pH Probe	N/A	

Month	Emissions Point	Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
August	W1	Total ammonia	No limit set	Monthly spot	Tankered away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Constant (pumps operate only when pH is 6 to 9)	6-9	pH Probe	N/A	
September	W1	Total ammonia	No limit set	Monthly spot	Tankered away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Constant (pumps operate only when pH is 6 to 9)	6-9	BS6068-2.50	N/A	
October	W1	Total ammonia	No limit set	Monthly spot	Tankered away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Constant (pumps operate only when pH is 6 to 9)	6-9	pH Probe	N/A	
November	W1	Total ammonia	No limit set	Monthly spot	Tankered away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Constant (pumps operate only when pH is 6 to 9)	6-9	pH Probe	N/A	
December	W1	Total ammonia	No limit set	Monthly spot	Tankered away from site	BS EN ISO 11732:2005	N/A	
	W1	pH	6-9	Constant (pumps operate only when pH is 6 to 9)	6-9	pH Probe	N/A	

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases, the principal technique is stated, e.g. gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed ...
(Authorised to sign as representative of Operator)

Date...31/01/2024

Form S4.2 Annual Report for Natural Resources Wales 2023

Severn Power Station Total Power Generated in GWh 2023

Operator: Severn Power Ltd

Permit number: HP3737UE

Annual Production (As required in Table 4.2 of Permit)	
Parameter	Units
Power Output Unit 10 (LCP 324)	
18.462	GWh
Power Output Unit 20 (LCP 325)	
15.525	GWh
Total (Unit 10 and Unit 20)	
33.987	GWh

Signed on behalf of the Operator by:

Claire Grainger

Date of return:

31/01/2024